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2871  
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SEP 16 2002  
TECHNOLOGY  
PTO/SEQUENZ 2800  
PCT/SEQN 02-00

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/619,479
Filing Date	July 19, 2000
First Named Inventor	Shunpei YAMAZAKI et al.
Group Art Unit	2871
Examiner Name	T. Rude
Total Number of Pages in This Submission	Attorney Docket Number
	0756-2188

### ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Declaration and Power of Attorney
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) \_\_\_\_\_

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosures
  1. Change of Correspondence Address Form
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.

#### Remarks

The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	8-28-02

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date indicated below.

Type or printed name	Ava M. Dixon
Signature	
Date	8/28/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

# FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

<b>TOTAL AMOUNT OF PAYMENT</b>	(\$ 1,012.00)
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Complete if Known

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TECHNOLOGY CENTER 2800

Application Number	09/619,479
Filing Date	July 19, 2000
First Named Inventor	Shunpei YAMAZAKI et al.
Examiner Name	T. Rude
Group Art Unit	2871
Attorney Docket No.	0756-2188

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

50-2280

Deposit Account Name

Robinson Intellectual Property Law Office

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit overpayments

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit Card  Money Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	(\\$)
101	740	201 370	Utility filing fee
106	330	206 165	Design filing fee
107	510	207 255	Plant filing fee
108	740	208 370	Reissue filing fee
114	160	214 80	Provisional filing fee

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
28	-22** =	6 X 18	= 108.00
Independent Claims	14	-8** =	6 X 84 = 504.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	(\\$)
103	18	203 9
102	84	202 42
104	280	204 140
109	84	209 42
110	18	210 9

Claims in excess of 20  
Independent claims in excess of 3  
Multiple dependent claim, if not paid  
\*\* Reissue independent claims over original patent  
\*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 612.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English transaction	
147	2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	200	200 Extension for reply within second month	400.00
117	920	460	460 Extension for reply within third month	
118	1,440	720	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138 1,510	Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241 640	Petition to revive - unintentional	
142	1,280	242 640	Utility issue fee (or reissue)	
143	460	243 230	Design issue fee	
144	620	244 310	Plant issue fee	
122	130	122 130	Petitions to the Commissioner	
123	50	123 50	Processing fee under 37 CR 1.17(q)	
126	180	126 180	Submission of Information Disclosure Stmt	
581	40	581 40	Recording each patent assignment per property (times number of properties)	
146	740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370	For each additional invention to be examined (37 CFR § 1.29(b))	
179	740	279 370	Request for Continued Examination (RCE)	
169	900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 400.00)

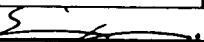
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Name: Ava M. Dixon

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Eric J. Robinson	Registration No. (Attorney/Agent)	38,285	Telephone	(571) 434-6789
Signature				Date	8-28-02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Shunpei YAMAZAKI et al. )  
Serial No. 09/619,479 )  
Filed: July 19, 2000 )  
For: SEMICONDUCTOR DEVICE )  
AND INTEGRAL IMAGE )  
RECOGNITION/DISPLAY )  
APPARATUS )

) Art Unit: 2871  
Examiner: T. Rude

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Washington, D.C. 20231, on 8/18/02

**AMENDMENT**

Honorable Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated March 28, 2002 please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 1, 4, 8, 10, 12, 15, 19 and 21 as follows:

**1. A display device comprising:**

a plurality of pixel portions each having an active device and arranged in matrix and each having a pixel electrode comprising a reflecting material and a light-transmitting material over a substrate; and

    a plurality of sensor portions arranged in matrix over said substrate, wherein each of said sensor portions includes a photo-electric conversion device, and can read information by utilizing the rays of light transmitting through said light-transmitting material when an external image is read.